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Title: JP55119347A2: MANUFACTURE OF LAMINATED DRY BATTERY

Derwent Title: Laminated dry battery prodn. - involves impregnating hot melt liq. insulating material into nonwoven tape and bonding to anode terminal plate and carbon layer [\[Derwent Record\]](#)

Country: JP Japan
Kind: A (See also: [JP58055618B4](#))

Inventor: KOGA KENJI;
 TAKIZAWA YASUNORI;
 SAKAGAMI HIDEO;

Assignee: TOSHIBA BATTERY CO LTD
[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1980-09-13 / 1979-03-08

Application Number: JP1979000026899

IPC Code: H01M 2/02; H01M 6/48;

Priority Number: 1979-03-08 JP1979000026899

Abstract: PURPOSE: To insulating-coat the whole circumference and improve liquid leakage proofness by inserting the unwoven cloth tape which is immersed in hot-melt insulant into the exposure section caused by removal of a compression jig after the insulating coat is formed.

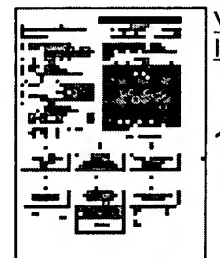
CONSTITUTION: The compression jigs 11 and 12 are contacted on both the center of the upper end positive electrode terminal block 9 and that of the lower end carbon film 2 in the laminated body 7 on which a number of flat cells are properly laminated and are compressed into fixed dimensions. Then these are immersed into the fused liquid 14 of hot-melt insulant such as fused polyamide system hot melt adhesive, wax, and paraffin and the coated later 15 is formed. Subsequently, the unwoven cloth tape 18 which is perforated in the same shape as the exposure section 16 and in which polyamide system hot melt adhesives are immersed is inserted into the exposure section 16 caused by removing the compression jigs 11 and 12. The heating pressing jigs 20 and 20' are contacted, heat climped, and immersed, and the whole circumference is sealed with insulant.

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(11) Publication number: **55119**

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PATENT ABSTRACTS OF JAPAN(21) Application number: **54026899**(51) Intl. Cl.: **H01M 2/02 H01M 6/48**(22) Application date: **08.03.79**

(30) Priority:

(43) Date of application
publication: **13.09.80**(84) Designated contracting
states:(71) Applicant: **TOSHIBA BATTERY CO LTD**(72) Inventor: **KOGA KENJI**
TAKIZAWA YASUNORI
SAKAGAMI HIDEO

(74) Representative:

**(54) MANUFACTURE OF
LAMINATED DRY
BATTERY**

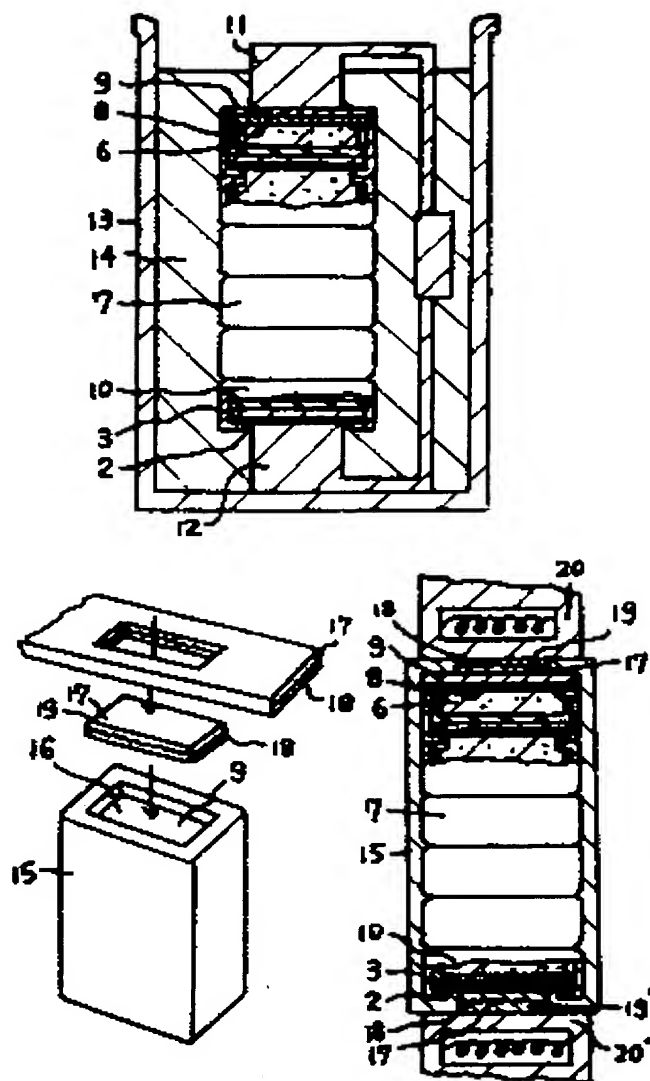
(57) Abstract:

PURPOSE: To insulating-coat the whole circumference and improve liquid leakage proofness by inserting the unwoven cloth tape which is immersed in hot-melt insulant into the exposure section caused by removal of a compression jig after the insulating coat is formed.

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